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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/072,902	02/12/2002	Yoshio Nitta	P14968-A	3567

7590 04/22/2004  
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EXAMINER

NGUYEN, HUY D

ART UNIT PAPER NUMBER

2681

*13*

DATE MAILED: 04/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/072,902

Applicant(s)

NITTA, YOSHIO

Examiner

Huy D Nguyen

Art Unit

2681

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 7-9 is/are allowed.
- 6) ☒ Claim(s) 1-6 and 10-18 is/are rejected.
- 7) ☒ Claim(s) 19 and 20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-6, 10-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Alanara et al. (U.S. Patent No. 6,292,668) in view of Yemini et al. (Pub. No. US 2002/0028656).

Regarding claims 1, 3, 5, 10, 12-13, 17, Alanara et al. teach a station (e.g., server GTW) comprising: a Web function unit which is connected to a content in mobile communication system network and includes a WWW (World Wide Web) content server function, that provides content to mobile station via mobile communication system network [col. 5, lines 34-52]. Alanara et al. fail to teach that the server GTW is mobile and can communicate with the network wirelessly. Yemini et al. teach a mobile web server that can communicate with the network wirelessly [0033]. It would have been obvious to one of ordinary skill in the art, at the time of the invention, to have the server GTW in Alanara et al. as a mobile station as taught by Yemini et al. for flexibility since the server can be moved and placed anywhere as desire.

Regarding claims 2, 14-15, Alanara et al. teaches that the mobile terminal could be a mobile phone (col. 20, lines 44-45) and therefore it has communication unit for speech.

Regarding claims 4, 11, 16, the combination of Alanara et al. and Yemini et al. teach a mobile station according as in claim 1, wherein the WWW content server function includes at

least one of a WWW server function, a mail server function, and a news server function [Alanara et al.; col. 5, lines 36-44].

Regarding claims 6, 18, the combination of Alanara et al. and Yemini et al. teach the claimed invention except the authentication device. However, authentication device is well known in the art. It would have been obvious to one of ordinary skill in the art, at the time of the invention, to include an authentication device in the teaching of Alanara et al. and Yemini et al. for security.

***Allowable Subject Matter***

3. Claims 19-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

4. Claim 7 is allowed. The following is an examiner's statement of reasons for allowance:

Regarding claim 7, prior arts fail to teach a mobile communication system, comprising a mobile communication system network; and first and second mobile stations connected to mobile communication system network, first mobile station comprising a Web function unit with a content server function in World Wide Web (WWW), and second mobile station comprising a browser function unit for browsing, a WWW content, wherein mobile communication system network comprises cache equipment, which caches content having a high access frequency among a plurality of contents provided by Web function unit, and when second mobile station requests the content, provides content, cached in cache equipment, to second mobile station.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

*Conclusion*

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy D Nguyen whose telephone number is 703-305-3283. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Erika A Gary can be reached on 703-308-0123. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HJ

  
ERIKA GARY  
PATENT EXAMINER